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Title: Optical Logical Circuits Based on Lasing Semiconductor Optical Amplifiers Inventors: Sol P. DiJaili, Jeffrey D. Walker

and John M. Wachsman

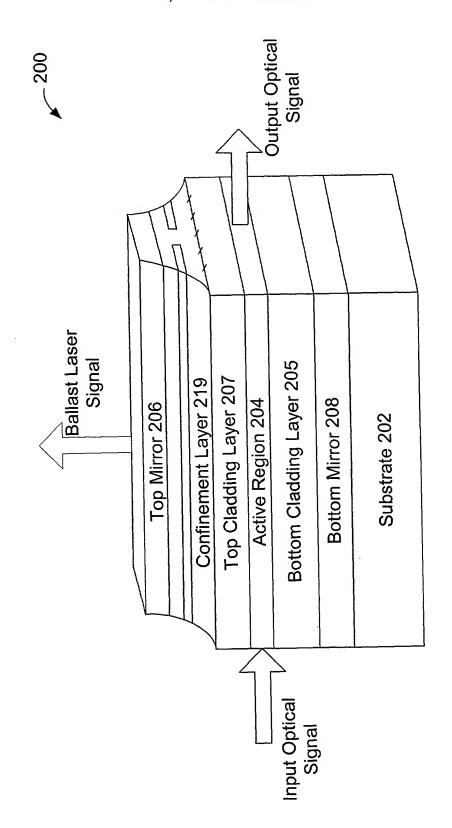
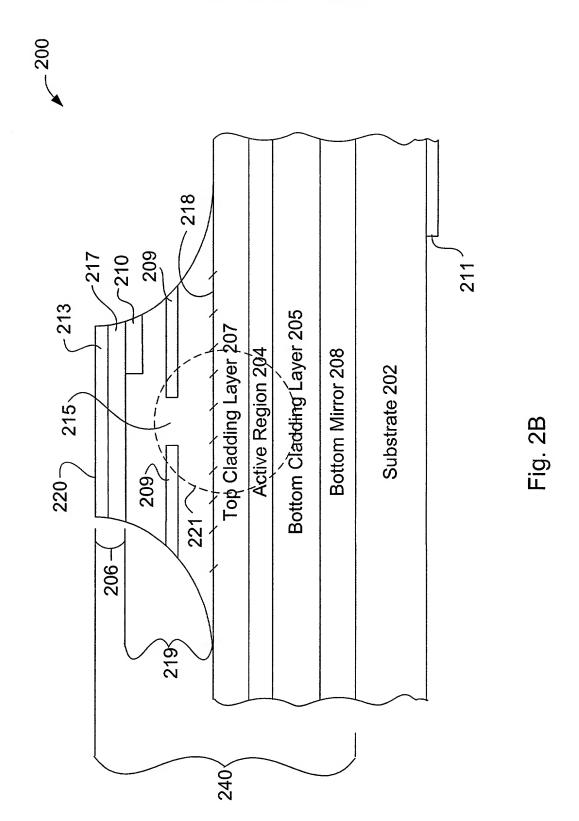


Fig. 2A

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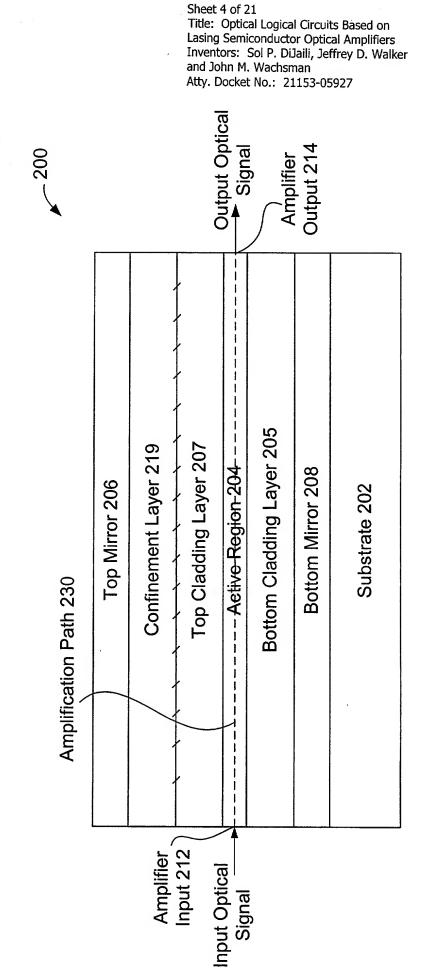
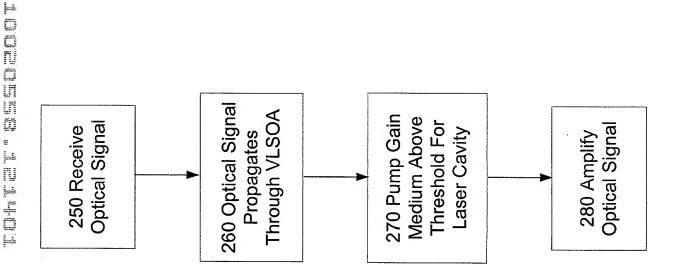


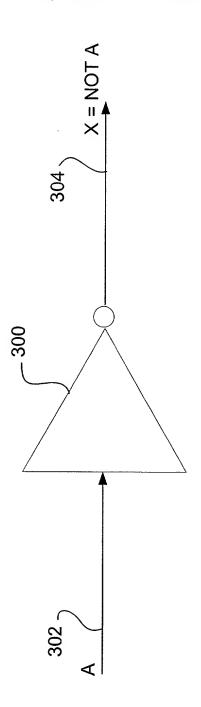
Fig. 20



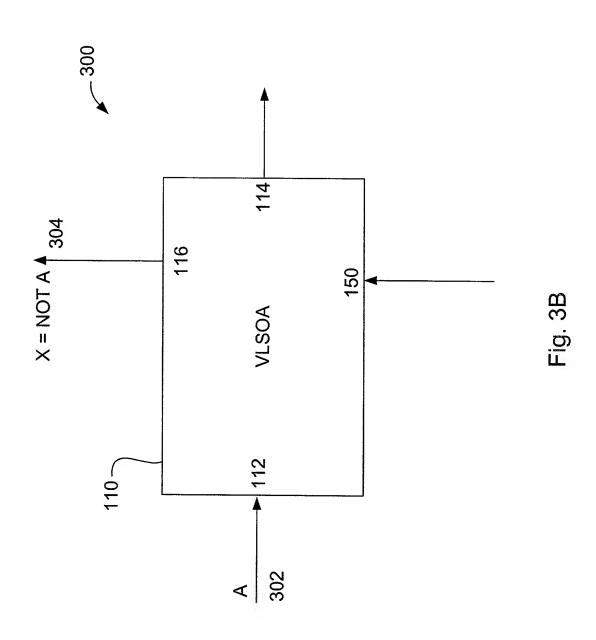
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Fig. 2D

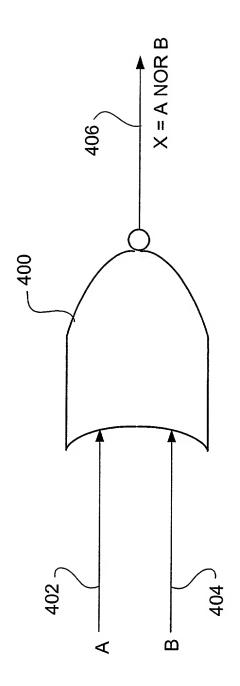




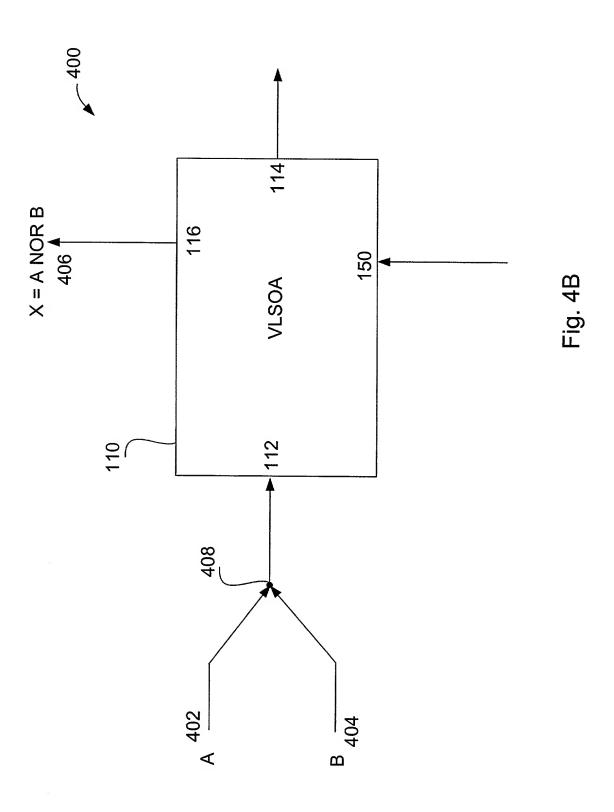
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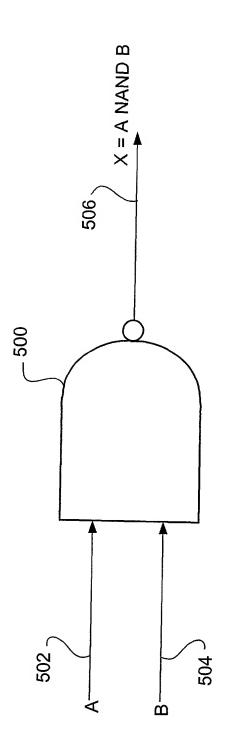
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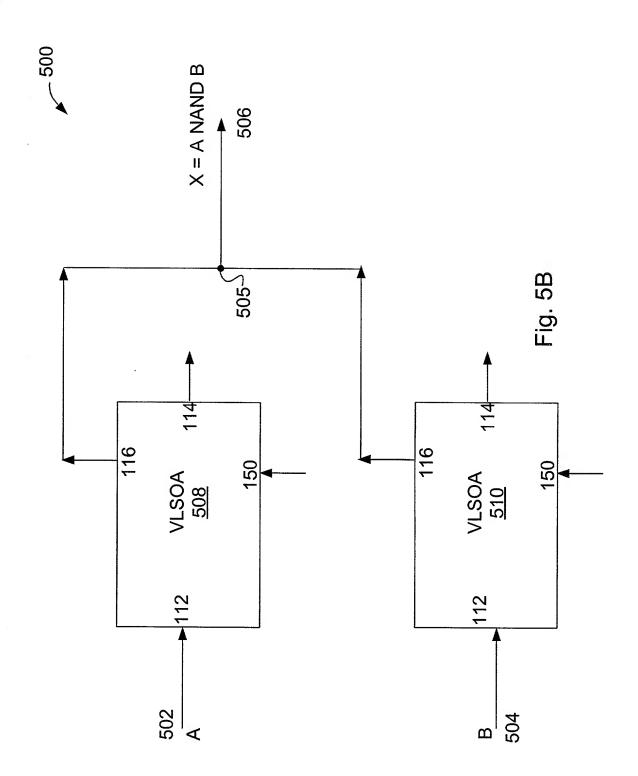
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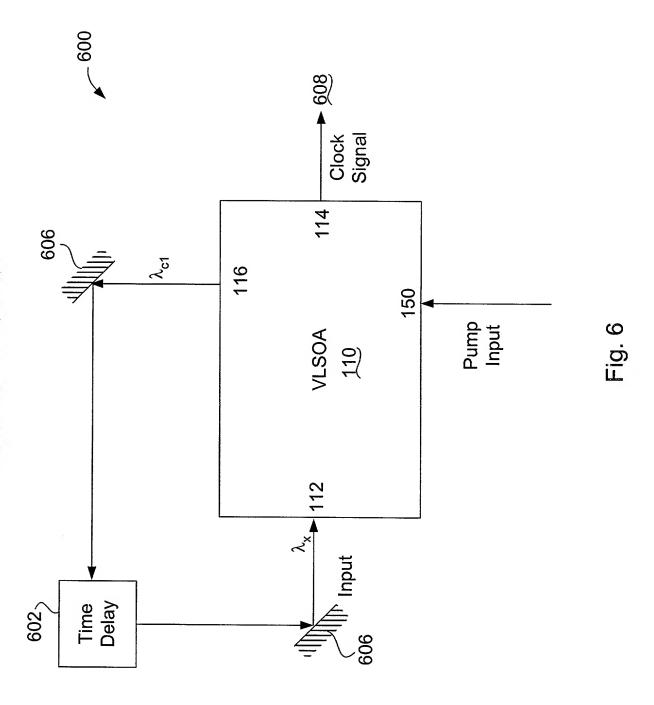


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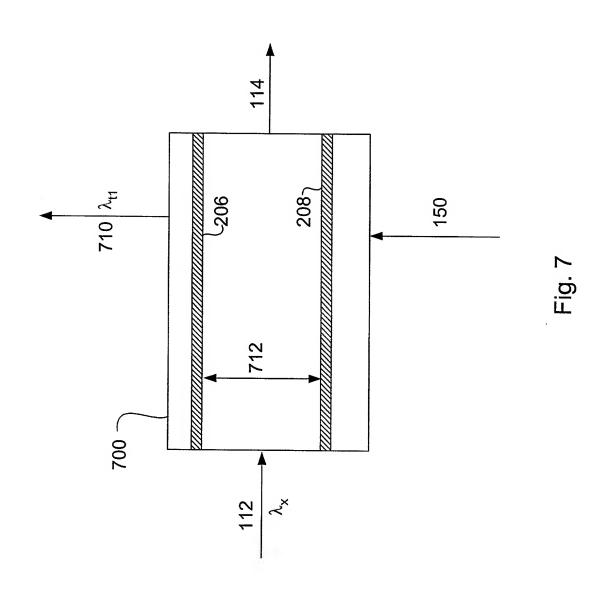


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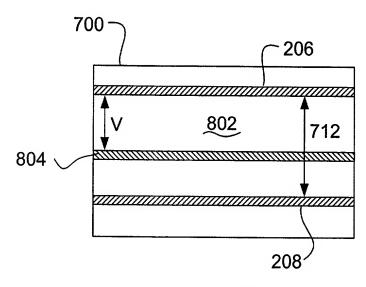


Fig. 8A

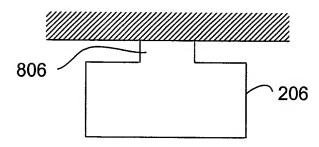


Fig. 8B

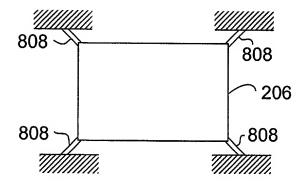
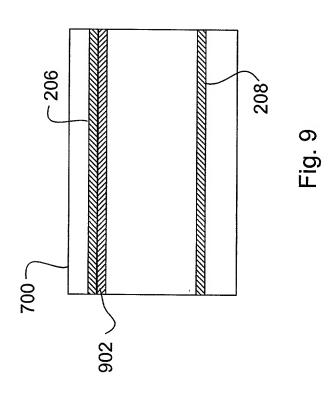
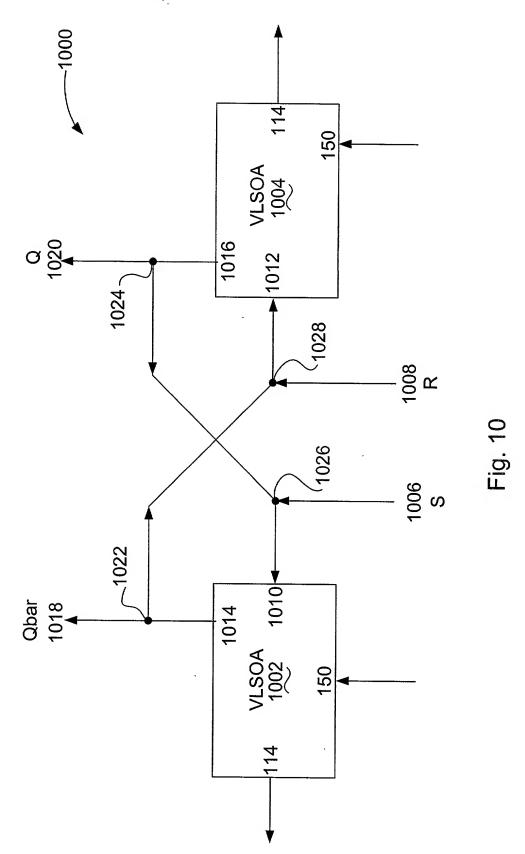


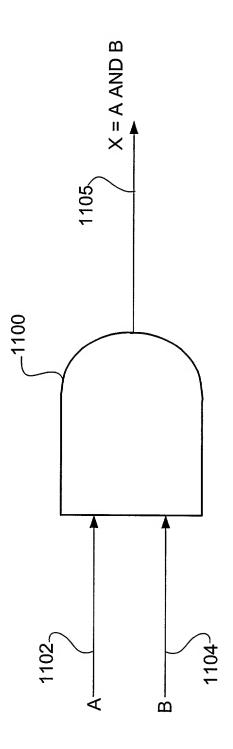
Fig. 8C

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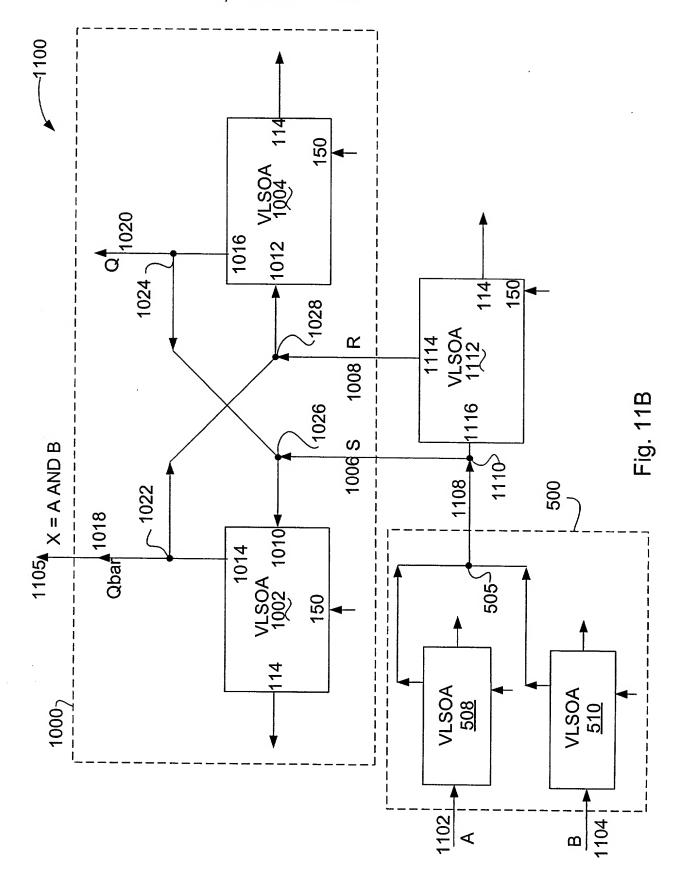


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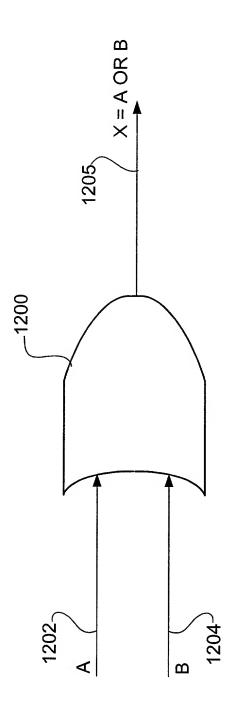


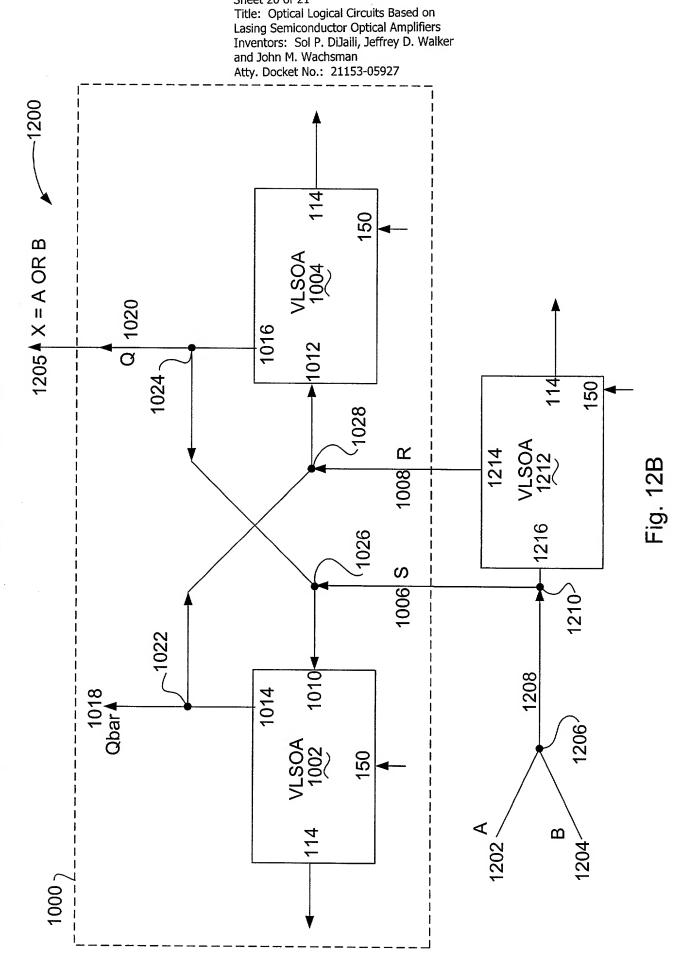


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